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Werners, Major 1/17/80 3054 05 1000
 AFMARC Baseline for Prototype Miniature
 Air Launch System (PMALS) (7)

1 JUL 1980

1. The AFMARC IA review for the PMALS was held on 13 May 1980. At that time verbal direction to develop a new option which preserved a 1985 IOC was given. The memorandum at attachment 1 formalized this direction. The major points in the memorandum are:

- a. Maintain a 1985 IOC milestone, but reduce number of assets needed at IOC.
- b. Declare IOC and start production prior to completion of the test phase.
- c. Plan for contractor maintenance, but preserve the option for organic maintenance.

2. Attachment 2 is a comparison of the program approved by the Air Force Council (Alternative A) and the above referenced AFMARC directed program (Alternative B). It projects a 1985 IOC (with 4 a/c and 10 missiles), but will use essentially prototype hardware. Further, it is a rather risky effort because of the limited number of tests prior to a production decision and the implicit need for early test successes.

3. The SFO is preparing for a DQASC I review in November 1980.

ORIGINAL SIGNED

WILLIAM E. LINGEMAN, BrigGen, USAF
 DCS/Plans, Policy, Programs
 and Requirements

1. Atchs .
 1. Memo from Office of the
 Assistant Secretary, Subj: AFMARC
 for the Prototype Miniature Air-
 Launched System, 1 Jun 80
 2. Summary of Alternatives

DEPARTMENT OF THE AIR FORCE
WASHINGTON, 20330



OFFICE OF THE ASSISTANT SECRETARY

3 JUN 1980

MEMORANDUM FOR THE VICE CHIEF OF STAFF


SUBJECT: AFSARC for the Prototype Miniature Air-Launched System (PMALS) (U)

The Air Force Systems Acquisition Review Council (AFSARC) held a Milestone IA review on May 16, 1980 for the Prototype Miniature Air-Launched System (PMALS). I agree with the general consensus of the AFSARC principals to proceed with a new option that preserves an IOC in 1985 and preserves the existing PCM funding for FY82.

Based upon our review I request that actions be taken to more precisely define a program similar to the concept described by the AFSARC Assessment Committee to include:

- a. The procurement of adequate numbers of missiles to support a test phase that extends over several years with the testing necessary to provide confidence in basic system capability being completed by 1985 as a subset of the overall test program.
- b. The initiation of a production phase as an evolutionary extension of the development phase and a production schedule that is consistent with incorporating improvements to the missile as block changes.
- c. A program that is consistent with near term operational maintenance being accomplished by contractor support, but preserving options for converting to organic maintenance.
- d. The modification of a limited number of F-15's by 1985 and their assignment to an operational command and the development of operational and logistics procedures to ensure a capability to operationally launch, if required, a limited number of existing PMALS in 1985.

A briefing is currently scheduled to Dr. Perry on 9 June describing the PMALS AFSARC results together with the general status of the Space Defense Program.


ROBERT J. HENNIGAN
Assistant Secretary
Research, Development
and Logistics

Summary of Alternatives

